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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/601,283	09/15/2000	Daniel Meilhon	6219-0012	9760

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EXAMINER

CHEN, VIVIAN

ART UNIT

PAPER NUMBER :

1773

DATE MAILED: 08/28/2002

14

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/601,283

Applicant(s)

MEILHON, DANIEL

Examiner

Vivian Chen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 July 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) 1-17 and 31-39 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 8, 9. 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group II (claims 18-30) in Paper No. 13 is acknowledged.
2. Claims 1-17, 31-39 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim. Election was made **without** traverse in Paper No. 13.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 18-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over TANAKA ET AL (US 5,879,813) in view of CARESPODI ET AL (US 5,342,684).

TANAKA ET AL discloses a three layer film comprising a first polymer layer which is a polyolefin such as polyethylene (lines 3-23, col. 3) and a second polymer layer on both sides of the first layer, said second polymer layers comprises, wherein the polyester is principally derived from terephthalic acid and ethylene glycol, with up to 10 mol% of a comonomer such as 1,4-

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cyclohexanedimethanol (col. 6; lines 30-32, col. 9) as recited in claims 18, 21, 23, 25-27. The multilayer film has a typical total thickness of 5-100 microns, a first layer thickness of 0.5-50 microns, and a second layer thickness of 0.01-50 microns, with the total thickness of the second layers comprising 2-50% of the total film thickness (lines 1-8, col. 10) as recited in claims 20, 22, 24, 30. The film can be metallized (lines 44-49, col. 11) as recited in claim 29. At least one layer of the film contains a lubricant or release agent (lines 32-68, col. 8) as recited in claim 28. However, the reference does not explicitly disclose the recited symmetry.

CARESPODI ET AL discloses that it is well known in the art to form laminate structures symmetrical in structure and composition in order to prevent undesirable curling during subsequent manufacturing operations (lines 29-35, col. 5).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to make the multilayer film of TANAKA ET AL symmetrical in structure and composition in order to avoid undesirable curling during additional processing. One of ordinary skill in the art would have selected the crystallinity (or lack thereof) as indicated in claim 19, of the polyester depending on the specific mechanical, optical, or other physical properties desired in a specific application.

Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.


DAVIS ET AL (US 6,221,191) and DAVIS ET AL (US 5,637,366) and MUGGLI ET AL (US 6,337,113) and KUNZ ET AL (US 5,387,449) disclose polyester/polyolefin laminates.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vivian Chen whose telephone number is (703) 305-3551. The examiner can normally be reached on Monday from 8:30 AM to 6 PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paul Thibodeau, can be reached on (703) 308-2367. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9310 (for non-after finals) and (703) 872-9311 (for after-finals).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0661.

August 26, 2002


Vivian Chen
Primary Examiner
Art Unit 1773